

Final Stability Summary Across Prompts

Overview

This report summarizes stability across the 19 prompts for each covariate group.

- Overall mean = average of prompt-level `mean_stability_score`
- Overall SD = standard deviation of prompt-level `mean_stability_score` (variation in consistency across prompts)

Table 1: Final stability summary across prompts

Covariate Group	Prompts	Overall Mean	Overall SD
all_covariates	19	0.9306	0.0711
demo_covariates	19	0.8846	0.1355
family_covariates	19	0.8009	0.1878
ses_covariates	19	0.8978	0.1255

Summary Interpretation

The **overall mean** summarizes average stability across the 19 prompts for each covariate group. Higher values indicate more consistent responses overall. The **overall SD** summarizes how much stability changes from one prompt to another within that group. Lower SD means consistency is more uniform across prompts, while higher SD means prompt-to-prompt variability is larger.

- **all_covariates** (Mean = 0.9306, SD = 0.0711): This group shows the highest average stability and the lowest variability across prompts. Responses are both highly consistent and relatively uniform from prompt to prompt.
- **demo_covariates** (Mean = 0.8846, SD = 0.1355): This group has strong average stability, but with moderate variation across prompts. Some prompts appear more stable than others.
- **family_covariates** (Mean = 0.8009, SD = 0.1878): This group has the lowest average stability and the highest prompt-to-prompt variability. Consistency is weaker overall and less uniform across prompts.
- **ses_covariates** (Mean = 0.8978, SD = 0.1255): This group shows high average stability with moderate variability. It is more stable than demo and family on average, though not as consistently high as all_covariates.

Overall, the pattern suggests that combining all covariates yields the most stable and most uniform behavior, while family covariates alone produce the least stable and most variable behavior across prompts.